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 11-9-94 received plates from Raka S. for pUC19 PCR with Taq + Deep Vent and no Mn⁺⁺ or dNTP bias. picked 20 white colonies and 2 blue for 2 ml LB + 100 μg/ml ampicillin overnight at 30°C.

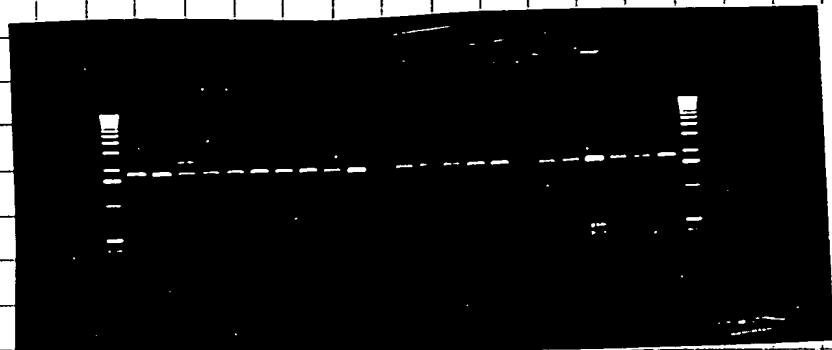
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minipreps as per (p 41, 4)
using 0.5 ml cells.

resuspended DNA in 50 μl TE + RNase

digest each (#21, 22 and from 2 blue colonies) (Tube 23 is 0.2 μl of 0.8 μg/ml pUC19 as follows

	11.6	✓	✓	✓	569	
buffer 4 (10x)	2	✓	✓	✓	94	
Taq	5 μl					
RP1 10 μM	5.5	✓	✓	✓	23.5	cocktail for 47 μl rxn
uM 10 μM	0.5	✓	—			use 15 μl rxn
T II 24 μM	0.1	✓	✓	✓	4.7	5 μl DNA
T III 7 μM	0.3	✓	✓		14.1	
	20 μl					
					37°C	2 hours



Result:
all are full length
for Z

2 loc 2 gives 2 bands

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ssed & Understood by me,

Deanne Bolens

Date

6/95

Invented by

Deanne Bolens

Date - 7-94

12-9-94